

Atlantic Environmental Contractors, Inc.

81 East Avenue • Lewiston, ME 04240 Phone: 207-783-1908 • Fax: 207-376-3237 Web: www.aecne.net

Asbestos Demolition Impact Survey Report

16 Newbury St. Auburn, Me.

Prepared for:
Mr. Dereck Boulanger
City of Auburn
60 Court Street
Auburn, Me. 04210

Prepared by:	
Potoalle	_ Peter Jabbusch
Asbestos Inspector # AI-0078	
Atlantic Environmental Contractors, Inc.	
81 East Ave.	
Lewiston, Me.	

Report date: November 9, 2016

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1. Executive Summary

The following asbestos demolition impact survey was conducted on October 14th, 2016 by Peter Jabbusch a Maine licensed and certified Asbestos Inspector. The structure surveyed was a vacant multi-unit residential structure.

Prior to commencement of the survey representatives of Atlantic Environmental Contractors, Inc. (AEC) conducted a visual inspection of the interior and exterior of the building and developed a site specific sampling strategy in compliance with the Maine DEP Chapter 425 Regulations.

2. Scope Of Work

The scope of the survey was to identify building materials that potentially contain regulated levels of asbestos prior to demolition of the structure. Materials with greater than 1% asbestos content are considered regulated asbestos containing building materials.

3. Methods and Sampling Strategy

There are typically three types of suspect materials that must be sampled as part of a Demolition/Renovation Impact Survey:

- Surfacing materials; sprayed or applied by trowel and include fireproofing materials and various plasters. At least three bulk samples of surfacing materials were collected from each homogeneous area that was less than 1,000-square feet. Five bulk samples were collected for areas 1,000 to 5,000-square feet and seven bulk samples were collected for areas greater than 5,000-square feet
- Thermal system insulation; including boiler cover, pipe cover, and duct insulation were assessed. The materials were either assumed to be asbestos containing or were sampled as follows; At least three bulk samples of thermal system insulation from each homogeneous area or at least one bulk sample from each homogeneous patched area if the section is less than six linear or square feet
- Miscellaneous ACM; includes a variety of ceiling tiles, floor tiles, and gypsum board. Sample quantities for miscellaneous ACM follow the same requirements as for the two previously mentioned ACM types.

The bulk samples were collected with standard sampling protocols, properly packaged and shipped to EMSL Analytical Laboratory South Portland, Maine for analysis by Polarized Light Microscopy (PLM) EPA method 600/R-93/116 and PLM NOB.

16 Newbury Street Auburn, Me.

4. Asbestos Sample Results

Twenty One (21) sample groups were collected of the suspect building materials. The bulk sample analytical results indicate that there are regulated asbestos containing materials that will be impacted by the demolition activities. The sample locations type of material and analytical results are detailed below:

Comple#	Location	Description	Asbestos	Approximate
Sample #	Location	Description	Type/Percentage	Asbestos Quantities
D14 D1C	D. d	T:I T	None Detected	Aspestos Quantities
B1A-B1C	Bathroom	Linoleum Top	None Detected	-
Day Dag	7.1	Layer	N. D. ()	
B2A-B2C	Bathroom	Linoleum Bottom	None Detected	-
		Layer		
B3A-B3C	Throughout	Ceiling Tile	None Detected	-
		Smooth		
B4A-B4C	Throughout	Ceiling Tile	None Detected	-
		Worm Hole		
B5A-B5C	Throughout	Ceiling Tile	None Detected	-
		Hidden Spline		
B6A-B6C	Unit 2 Ceiling	Textured Ceiling	None Detected	-
	above Acoustic	Material		
В7А-В7С	Unit 2 Bath	Vapor Barrier	None Detected	-
	Floor Under		Veril Considerational Veril Const. Production of Const. Co	
	Sub-floor			
B8A-B8C	Unit 2 Ceiling	Ceiling Tile	None Detected	-
2011 200		worm hole		
В9А-В9С	Unit 3 Kitchen	Linoleum Top	Chrysotile – 18.9%	40 sq.ft.
B) II B) C	Floor	Layer		
B10A-B10C	Unit 3 Bath	Linoleum	None Detected	
B11A-B11C	Entire Bldg	Texture Material	None Detected	
DITA-DITC	Ceiling	1 exture material	None Detected	
B12A-B12C	Throughout	Plaster	None Detected	
B13A-B13C	Unit 3 Kitchen	Floor Tile 12X12	None Detected	
DISA-DISC	Floor	Floor The 12A12	None Detected	
B14A-B14C	Unit 3 Kitchen	Linoleum	Chrysotile – 21.6%	100 sq.ft.
B14A-B14C		Linoieum	Chrysothe – 21.0 %	100 sq.1t.
	Floor Under			
	Floor Tile		CI 11 12 00/	0.4 %
B15A-B15C	Unit 4	Linoleum	Chrysotile – 13.2%	24 sq.ft.
	Bathroom Flr.			
B16A-B16C	Unit 5	Linoleum	Chrysotile – 24.8%	42 sq.ft.
	Bathroom			
	Floor			
B17A-B17C	Unit 5 Kitchen	Linoleum	None Detected	-

16 Newbury Street Auburn, Me.

D404 D40G	T	D C ID	NT DATE	
B18A-B18C	Exterior	Roofing Top	None Detected	-
		Layer		
B19A-B19C	Exterior	Roofing Bottom	None Detected	-
		Layer		
B20A-B20C	Exterior	Roofing Vapor	None Detected	-
		Barrier		
B21A-B21C	Exterior	Vapor Barrier	None Detected	-
		Under Siding		

Materials not sampled and assumed positive for asbestos content are as follows:

• Exterior cement board siding

3,600 sq.ft.

Should inaccessible suspect materials be discovered they should be assumed positive for asbestos content or sampled by a Licensed Asbestos Inspector prior to proceeding with demolition activities.

5. Universal Waste Inventory

- One 275 gallon oil tank full of unknown product.
- One Mercury Thermostat

We appreciate the opportunity to assist the City of Auburn with this project, should you have any questions or comments please contact us at (207) 740-6743.

Very Truly,

Peter G. Jabbusch Asbestos Inspector

(AI-0078) Exp. 01/15/17





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EMSL Order ID: Customer ID: Customer PO:

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621601595

ATLN34

Attn: Frank Perry

Atlantic Environmental Contractors, Inc.

81 East Avenue Rear Lewiston, ME 04240 Phone: Fax:

(207) 783-1908 (207) 376-3237

Collected: Received:

10/17/2016

Analyzed:

10/20/2016

Proj: 16 NEWBURY ST.

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID: Lab Sample ID: 621601595-0001

Sample Description: UNIT 1 BATHROOM FLOOR TOP LAYER - LINOLEUM

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Comment Asbestos PLM Grav. Reduction 10/19/2016 Gray 0.0% 100% None Detected Lab Sample ID: 621601595-0002

Client Sample ID: Sample Description: UNIT 1 BATHROOM FLOOR TOP LAYER - LINOLEUM

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 10/19/2016 Gray 0.0% 100% None Detected

B₁C Client Sample ID: Lab Sample ID: 621601595-0003

Sample Description: UNIT 1 BATHROOM FLOOR TOP LAYER - LINOLEUM

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 10/20/2016 0.0% 100% None Detected Grav Client Sample ID: B₂A Lab Sample ID: 621601595-0004

Sample Description: UNIT 1 BATHROOM FLOOR BOTTOM LAYER - LINOLEUM

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 10/19/2016 Tan 2.7% 97.3% None Detected Client Sample ID: B₂B Lab Sample ID: 621601595-0005

Sample Description: UNIT 1 BATHROOM FLOOR BOTTOM LAYER - LINOLEUM

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 10/19/2016 Tan <0.25% 100% None Detected Client Sample ID: Lab Sample ID: 621601595-0006

Sample Description: UNIT 1 BATHROOM FLOOR BOTTOM LAYER - LINOLEUM

Analyzed Non-Asbestos **TEST** Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 10/20/2016 1.1% 98.9% None Detected ВЗА Client Sample ID: Lab Sample ID: 621601595-0007

Sample Description: ENTIRE BLDG CEILING TILE SMOOTH - 2X4 SMOOTH CT

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 10/19/2016 Brown 95% 5% None Detected



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	Summary Test Rep	ort for Asl	oestos An	alysis of Bul	lk Material via E	PA 600/R-93/	116
Client Sample ID:	B3B					Lab Sample ID:	621601595-0008
Sample Description:	ENTIRE BLDG CEILING TIL						
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/19/2016	Brown	0%	100%	None Detected		
Client Sample ID:	B3C		**************************************			Lab Sample ID:	621601595-0009
Sample Description:	ENTIRE BLDG CEILING TIL	E SMOOTH - 2>	(4 SMOOTH CT	Г		6-10-10-10-40 - 3-20 (A-44-40) - ■ (A-4503-4-50-40) (B-2	
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/20/2016	Brown	95%	5%	None Detected		
Client Sample ID:	B4A					Lab Sample ID:	621601595-0010
Sample Description:	ENTIRE BLDG CEILING TIL	E WORMHOLE	- 2X4 CT WOR	MHOLE			021001000
	Anabrad		Non	Asbestos			
TEST	Analyzed Date	Color	0.000.00	Aspestos Non-Fibrous	Asbestos	Comment	
PLM	10/19/2016	Gray	80%	20%	None Detected		
Client Semple ID:						Lab Sample ID:	621601606.0011
Client Sample ID:	B4B					Lab Sample ID:	621601595-0011
Sample Description:	ENTIRE BLDG CEILING TIL	E WORMHOLE	- 2X4 CT WOR	MHOLE			
TEST	Analyzed	Calan		Asbestos	Ashartas	C	
PLM	10/19/2016	Gray	Fibrous 80%	Non-Fibrous 20%	Asbestos None Detected	Comment	
		Glay	0076	2076	None Detected		
Client Sample ID: Sample Description:	B4C	- MODMUOLE	OVA OT MODE	MUOLE		Lab Sample ID:	621601595-0012
Sample Description.	ENTIRE BLDG CEILING TIL	EVURIVIHULE	- 2X4 CT WOR	WHOLE			
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/20/2016	Gray	80%	20%	None Detected		
Client Sample ID:	B5A					Lab Sample ID:	621601595-0013
Sample Description:	ENTIRE BLDG CEILING TIL	E HIDDNE SPLI	NE - 1X1 CT HI	DDEN SPLINE			
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/19/2016	Brown	98%	2%	None Detected		
Client Sample ID:	B5B					Lab Sample ID:	621601595-0014
Sample Description:	ENTIRE BLDG CEILING TILI	HIDDNE SDI I	NE - 171 CT U	DDEN SDI INE			**************************************
oumple Description.	ENTIRE BLDG CEILING TILI	I HIDDINE SPLI	NE - IXI CI HI	DDEN SPLINE			
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/19/2016	Brown	98%	2%	None Detected		
Client Sample ID:	B5C					Lab Sample ID:	621601595-0015
Sample Description:	ENTIRE BLDG CEILING TILE	E HIDDNE SPLI	NE - 1X1 CT HI	DDEN SPLINE			
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/20/2016	Brown	95%	5%	None Detected		
							CONTRACTOR OF THE SECOND SECOND



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	Summary Test Re	eport for Asi	Jesios Ai	ialysis of bu	ik iviateriai via E	-	CONTROL OF THE PARTY OF THE PAR
Client Sample ID:	B6A					Lab Sample ID:	621601595-0016
Sample Description:	UNIT 2 TEXTURED CEIL						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/19/2016	White	0%	100%	None Detected		
Client Sample ID:	B6B					Lab Sample ID:	621601595-0017
Sample Description:	UNIT 2 TEXTURED CEIL	NG ABOVE ACOU	STIC - TEXTU	RED CEILING		•	
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/19/2016	White	0%	100%	None Detected		
Client Sample ID:	B6C					Lab Sample ID:	621601595-0018
Sample Description:	UNIT 2 TEXTURED CEILI	NG ABOVE ACOU	STIC - TEXTU	RED CEILING			
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/20/2016	White	0%	100%	None Detected		
Client Sample ID:	B7A					Lab Sample ID:	621601595-0019
Sample Description:	UNIT 2 BATHROOM FLO	OR UNDER SUBFL	OOR - VAPOI	R BARRIER			
TEST	Analyzed	Color		-Asbestos Non-Fibrous	Ashastas	Comment	
PLM Grav. Reduction	10/19/2016	Brown/Black	0.0%	DESCRIPTION OF THE PROPERTY.	Asbestos None Detected	Comment	
			4.070	10070	THORIO D'OLOGICO	Lab Cample ID:	624604505 0020
Client Sample ID:	B7B					Lab Sample ID:	621601595-0020
Sample Description:	UNIT 2 BATHROOM FLOO	OR UNDER SUBFL	OOR - VAPOR	R BARRIER			
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Brown/Black	0.0%	100%	None Detected		
Client Sample ID:	B7C					Lab Sample ID:	621601595-0021
Sample Description:	UNIT 2 BATHROOM FLOO	OR UNDER SUBFL	OOR - VAPOR	R BARRIER			
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/20/2016	Brown/Black	0.0%	100%	None Detected		
Client Sample ID:	B8A					Lab Sample ID:	621601595-0022
Sample Description:	UNIT 2 CEILING TILE WO	RMHOLE - 2X4 CT	WORMHOLE	:			
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/19/2016	Gray	95%	5%	None Detected		
Client Sample ID:	B8B					Lab Sample ID:	621601595-0023
Sample Description:	UNIT 2 CEILING TILE WO	RMHOLE - 2X4 CT	WORMHOLE	:			
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/19/2016	Gray	95%	5%	None Detected		



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Olice of Communication	Summary Test Repo					Lab Sample ID:	621601595-0024
Client Sample ID:	B8C					Lab Sample ID.	021001003-0024
Sample Description:	UNIT 2 CEILING TILE WORM	HULE - 2X4 C	VORMHOLE				
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/20/2016	Gray	85%	15%	None Detected	~	
Client Sample ID:	B9A					Lab Sample ID:	621601595-0025
Sample Description:	UNIT 3 KITCHEN FLOOR TO	PLAYER - LIN	OLEUM				
	ONLY O'NATORIENT EGON TO	D. () L. ()					
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Gray	0.0%	81.1%	18.9% Chrysotile		
Client Sample ID:	B9B					Lab Sample ID:	621601595-0026
Sample Description:	UNIT 3 KITCHEN FLOOR TO	LAYER - LIN	OLEUM				
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016			Positi	ve Stop (Not Analyzed)		
Client Sample ID:	B9C					Lab Sample ID:	621601595-0027
Sample Description:	UNIT 3 KITCHEN FLOOR TOP	LAYER - LIN	OLEUM				
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016			Positi	ve Stop (Not Analyzed)		
Client Sample ID:	B10A					Lab Sample ID:	621601595-0028
Sample Description:	UNIT 3 BATHROOM - LINOLE	UM					
•							
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Gray	0.0%	100%	None Detected		
Client Sample ID:	B10B					Lab Sample ID:	621601595-0029
Sample Description:	UNIT 3 BATHROOM - LINOLE	LINA					
		UIVI					
		OIVI					
	Analyzed	OIVI	Non-A	Asbestos			
TEST		Color		Non-Fibrous	Asbestos	Comment	
	Analyzed				Asbestos None Detected	Comment	
PLM Grav. Reduction	Analyzed Date	Color	Fibrous	Non-Fibrous	CONTRACTOR CONTRACTOR	Comment Lab Sample ID:	621601595-0030
PLM Grav. Reduction Client Sample ID:	Analyzed Date 10/19/2016	Color Gray	Fibrous	Non-Fibrous	CONTRACTOR CONTRACTOR		621601595-0030
PLM Grav. Reduction Client Sample ID:	Analyzed	Color Gray	Fibrous	Non-Fibrous	CONTRACTOR CONTRACTOR		621601595-0030
PLM Grav. Reduction Client Sample ID:	Analyzed	Color Gray	Fibrous 0.0%	Non-Fibrous	CONTRACTOR CONTRACTOR		621601595-0030
PLM Grav. Reduction Client Sample ID:	Analyzed Date 10/19/2016 B10C UNIT 3 BATHROOM - LINOLE	Color Gray	Fibrous 0.0% Non-A	Non-Fibrous 100% Asbestos Non-Fibrous	None Detected Asbestos		621601595-0030
PLM Grav. Reduction Client Sample ID: Sample Description: TEST	Analyzed Date 10/19/2016 B10C UNIT 3 BATHROOM - LINOLE	Color Gray UM	Fibrous 0.0% Non-A	Non-Fibrous 100%	None Detected	Lab Sample ID:	621601595-0030
PLM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Grav. Reduction	Analyzed Date 10/19/2016 B10C UNIT 3 BATHROOM - LINOLE Analyzed Date	Color Gray UM Color	0.0% Non-A	Non-Fibrous 100% Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID:	621601595-0030 621601595-0031
PLM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Grav. Reduction Client Sample ID:	Analyzed Date 10/19/2016 B10C UNIT 3 BATHROOM - LINOLE Analyzed Date 10/20/2016	Color Gray UM Color Gray	Non-A Fibrous 0.0%	Non-Fibrous 100% Asbestos Non-Fibrous 100%	None Detected Asbestos	Lab Sample ID: Comment	
PLM Grav. Reduction Client Sample ID: Sample Description:	Analyzed Date 10/19/2016 B10C UNIT 3 BATHROOM - LINOLE Analyzed Date 10/20/2016	Color Gray UM Color Gray	Non-A Fibrous 0.0%	Non-Fibrous 100% Asbestos Non-Fibrous 100%	None Detected Asbestos	Lab Sample ID: Comment	
PLM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Grav. Reduction Client Sample ID:	Analyzed Date 10/19/2016 B10C UNIT 3 BATHROOM - LINOLE Analyzed Date 10/20/2016	Color Gray UM Color Gray	Non-A Fibrous 0.0% Non-A Fibrous 0.0%	Non-Fibrous 100% Asbestos Non-Fibrous 100%	None Detected Asbestos	Lab Sample ID: Comment	
PLM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Grav. Reduction Client Sample ID:	Analyzed Date 10/19/2016 B10C UNIT 3 BATHROOM - LINOLE Analyzed Date 10/20/2016 B11A ENTIRE BLDG CEILING TEXT	Color Gray UM Color Gray	Non-A Fibrous 0.0% Non-A Fibrous 0.0% SHOUT - TEXTU	Asbestos Non-Fibrous 100% Asbestos Non-Fibrous 100% URED CEILING	None Detected Asbestos	Lab Sample ID: Comment	



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	Summary Test Rep	ort for As	bestos An	alysis of Bul	k Material via E	PA 600/R-93/	116
Client Sample ID:	B11B					Lab Sample ID:	621601595-0032
Sample Description:	ENTIRE BLDG CEILING TE	XTURE THROU					
	Analyzed						
TEST	Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	10/19/2016	White	0%	100%	None Detected		
Client Sample ID:	B11C					Lab Sample ID:	621601595-0033
Sample Description:	ENTIRE BLDG CEILING TE	XTURE THROU	IGHOUT - TEXT	TURED CEILING			
	Analyzed	2.0		-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/20/2016	White	0%	100%	None Detected		
Client Sample ID:	B12A					Lab Sample ID:	621601595-0034
Sample Description:	ENTIRE BLDG CEILING PL	ASTER THROU	GHOUT - PLAS	STER			
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/19/2016	Gray	0%	100%	None Detected		
Client Sample ID:	B12B					Lab Sample ID:	621601595-0035
Sample Description:	ENTIRE BLDG CEILING PL	A STED TUDOU	CHOLIT DI AS	TED			
cample Description.	ENTIRE BLDG CEILING PL	ASTER THROU	GHOUT - PLAS	DIEK			
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/19/2016	Gray	0%	100%	None Detected		
Client Sample ID:	B12C					Lab Sample ID:	621601595-0036
Sample Description:	ENTIRE BLDG CEILING PL	ASTER THROU	GHOUT - PLAS	STER			
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/20/2016	Gray	0%	100%	None Detected		
Client Sample ID:	B13A		***************************************			Lab Sample ID:	621601595-0037
Sample Description:	UNIT 4 KITCHEN FLOOR F	Γ - 12X12 FLOC	R TILE				
	Analyzed		Non-	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Gray	0.0%	100%	None Detected		
Client Sample ID:	B13B					Lab Sample ID:	621601595-0038
Sample Description:	UNIT 4 KITCHEN FLOOR F	Γ - 12X12 FLOO	R TILE				
	14 co de 14 constitución						
TEST	Analyzed	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Gray	0.0%		None Detected	Comment	
		Jiay	0.076	10070	Holic Detected	1 ah Ca1- IC	COACOAFOE COOC
Client Sample ID:	B13C					Lab Sample ID:	621601595-0039
Sample Description:	UNIT 4 KITCHEN FLOOR F	Г - 12X12 FLOO	R TILE				
	Analyzed		Non-	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/20/2016	Gray	0.0%	100%	None Detected		
				Charles and the Control of the Contr			



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Client Sample ID:	B14A					Lab Sample ID:	621601595-0040
Sample Description:	UNIT 4 KITCHEN UNDER FT - I	INOLEUM					
	Analyzed		Non-A	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Tan	0.0%	78.4%	21.6% Chrysotile		
Client Sample ID:	B14B					Lab Sample ID:	621601595-0041
Sample Description:	UNIT 4 KITCHEN UNDER FT - I	INOLEUM					
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016			Positi	ve Stop (Not Analyzed)		
Client Sample ID:	B14C					Lab Sample ID:	621601595-0042
Sample Description:	UNIT 4 KITCHEN UNDER FT - I	INOLEUM					
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016			Positi	ve Stop (Not Analyzed)		
Client Sample ID:	B15A					Lab Sample ID:	621601595-0043
Sample Description:	UNIT 4 BATHROOM FLOOR LIN	O - LINOLEUM	1				
	Analyzed		Non-A	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	White	0.0%	86.8%	13.2% Chrysotile		
Client Sample ID:	B15B					Lab Sample ID:	621601595-0044
Sample Description:	UNIT 4 BATHROOM FLOOR LIN	IO - LINOLEUM	1				
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016			Positi	ve Stop (Not Analyzed)		
Client Sample ID:	B15C					Lab Sample ID:	621601595-0045
Sample Description:	UNIT 4 BATHROOM FLOOR LIN	IO - LINOLEUM	1				
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016			Positiv	ve Stop (Not Analyzed)		
Client Sample ID:	B16A					Lab Sample ID:	621601595-0046
Sample Description:	UNIT 5 KITCHEN BATHROOM L	.INO - LINOLEU	JM				
	Analyzed		Non-A	sbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Tan	0.0%	75.2%	24.8% Chrysotile		
Client Sample ID:	B16B					Lab Sample ID:	621601595-0047
Sample Description:	UNIT 5 KITCHEN BATHROOM L	INO - LINOLEL	JM				
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous I	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016			Pocitio	ve Stop (Not Analyzed)		



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Customer ID: Customer PO: Project ID:

		7100	3000711	aryolo or De	ant material via L		110
Client Sample ID:	B16C					Lab Sample ID:	621601595-0048
Sample Description:	UNIT 5 KITCHEN BATHROOM LINO - LINOLEUM						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016			Positi	ve Stop (Not Analyzed)		
Client Sample ID:	B17A					Lab Sample ID:	621601595-0049
Sample Description:	UNIT 5 KITCHEN FLOOR L	INO - LINOLEUM					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Tan/White	0.0%	100%	None Detected		
Client Sample ID:	B17B					Lab Sample ID:	621601595-0050
Sample Description:	UNIT 5 KITCHEN FLOOR L	INO - LINOLEUM					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Tan/White	0.0%	100%	None Detected		
Client Sample ID:	B17C					Lab Sample ID:	621601595-0051
Sample Description:	UNIT 5 KITCHEN FLOOR L	INO - LINOLEUM				- The state of the	
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/20/2016	Tan/White	0.0%	100%	None Detected		
Client Sample ID:	B18A					Lab Sample ID:	621601595-0052
Sample Description:	ROOFING MATERIAL TOP	LAYER - ROOFING	3				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Black	0.0%	West of the Control o	None Detected		
Client Commis ID:						Lab Cample ID:	524504505 0052
Client Sample ID:	B18B					Lab Sample ID:	621601595-0053
Sample Description:	ROOFING MATERIAL TOP	LAYER - ROOFING	3				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Black	0.0%	The state of the s	None Detected	Comment	
	B18C					Lab Sample ID:	621601595-0054
Client Sample ID: Sample Description:		INVED BOOK				Lau Jampie ID:	G& 100 1030-0034
Sample Description:	ROOFING MATERIAL TOP	LAYER - ROOFING	i				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/20/2016	Black	0.0%	100%	None Detected		
Client Sample ID:	B19A					Lab Sample ID:	621601595-0055
Sample Description:	ROOFING MATERIAL BOTT	OM LAYER - ROO	FING				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Black	0.0%		None Detected		



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EMSL Order ID: Customer ID: Customer PO: Project ID:

621601595

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Client Sample ID:	B19B					Lab Sample ID:	621601595-0056
Sample Description:	ROOFING MATERIAL BOTTO	M LAYER - RO	OOFING				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Black	0.0%	100%	None Detected		
Client Sample ID:	B19C					Lab Sample ID:	621601595-0057
Sample Description:	ROOFING MATERIAL BOTTO	MIAVED D	OCENIC				
Sample Description.	ROOFING WATERIAL BOTTO	IN LAIER - KI	JOHNG				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/20/2016	Black	0.0%	CONTRACTOR CONTRACTOR STATEMENT OF STATEMENT	None Detected	- Comment	
			0.070	10070	770110 20100100		
Client Sample ID:	B20A					Lab Sample ID:	621601595-0058
Sample Description:	ROOFING VAPOR BARRIER						
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Black	0.0%	100%	None Detected		
Client Sample ID:	B20B					Lab Sample ID:	621601595-0059
Sample Description:	ROOFING VAPOR BARRIER						
and the second of the second s							
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Black	0.0%	100%	None Detected	and the second second second second	
Client Sample ID:	B20C					Lab Sample ID:	621601595-0060
Sample Description:							
Sample Description.	ROOFING VAPOR BARRIER						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/20/2016	Black	0.0%		None Detected	Comment	
		Didok	0.070	10070	Trong Bottottou		
Client Sample ID:	B21A					Lab Sample ID:	621601595-0061
Sample Description:	EXTERIOR UNDER SIDING -	VAPOR BARR	RIER				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Black	0.0%	100%	None Detected		
Client Sample ID:	B21B					Lab Sample ID:	621601595-0062
Sample Description:	EXTERIOR UNDER SIDING -	VAPOR BARR	RIER				
-							
	Analyzed		Non-	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/19/2016	Black	0.0%	100%	None Detected		
Client Sample ID:	B21C					Lab Sample ID:	621601595-0063
		WDOD	UCD.			and campic is.	
Sample Description:	EXTERIOR UNDER SIDING -	VAPUR BARR	IIEK				
			A10	Ashasta			
TEST	Analyzed	Color		-Asbestos	Anhartas	Commant	
TEST PLM Grav. Reduction	Date	Color		Non-Fibrous	Asbestos None Detected	Comment	
FLIVI GIAV. REDUCTION	10/20/2016	Black	0.0%	100%	None Detected		



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EMSL Order ID: Customer ID: Customer PO:

Project ID:

621601595 ATLN34

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Ana	lyst	(s)	1:
	.,,	/	,-

Christina Walker PLM (7)

PLM Grav. Reduction (10)

PLM (14) Stephen Severn

PLM Grav. Reduction (24)

Reviewed and approved by:

Christina Walker, Laboratory Manager or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. EMSL bears no responsibility for sample collection activities or analytical method limitations. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. PLM alone is not consistently reliable in detecting asbestos in floor coverings and similar NOBs

Samples analyzed by EMSL Analytical, Inc. South Portland, ME

Initial report from: 10/20/201608:01:56

OrderID: 621601595



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

621601595

EMSL Analytical, Inc. 161 John Roberts Road

South Portland, ME 04106

PHONE. (207) 517-6921 FAX: (207) 517-6922

Company: Atlantic Environmental Contractors			EMSL-Bill to: Same Different If Bill to is Different note instructions in Comments**			
Street: 81 East Ave. Rear			Third Party Billing requires written authorization from third party			
City: Lewiston State/Province: ME		Zip/Postal Code: 04240 Country: US				
Report To (Name): Frank Perry			Telephone #: 2077831908			
Email Address: fperry@aecne.net			Fax #: 207376	Fax #: 2073763237 Purchase Order: AEC1736		
Project Name/Number: 16 Newbury St.			Please Provide Results: Fax ✓ Email Mail			
U.S. State Samp	les Taken: ME			CT Samples: Commercial/Taxable Residential/Tax Exempt		
C 2 Haus	Псиси	Turnaround Time (T.			To d West.	
3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week *For TEM Air 3 hr through 6 hr, please call ahead to schedule.*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign						
an authoriza	tion form for this service	. Analysis completed in accord	nce with EMSL's Terms and Conditions located in the Analytical Price Guide.			
	LM - Bulk (reporting	ng limit)		TEM - Bulk		
l and a second s			☐ TEM EPA NOB		16 Section 2.5.5.1	
PLM EPA NO	A Property of the Company of the Com		NY ELAP Metho			
	00 (<0.25%) 🗌 100		Chatfield Protoc			
Point Count w/Gra	avimetric 🗌 400 (<0).25%) 🗌 1000 (<0.1%)	3000	☐ TEM % by Mass – EPA 600/R-93/116 Section 2.5.5.2		
☐ NIOSH 9002			☐ TEM Qualitative via Filtration Prep Technique			
	hod 198.1 (friable in		☐ TEM Qualitative	☐ TEM Qualitative via Drop Mount Prep Technique		
Andrew Committee	thod 198.6 NOB (nor	n-friable-NY)		Othe	er	
OSHA ID-191						
Standard Add	ition Method					
■ Check For Positive Stop – Clearly Identify Homogenous Group Date Sampled:						
Samplers Name:			Samplers Sig	Samplers Signature:		
1		Sample Location		1		
Sample # HA	¥	Sample Location		М	aterial Description	
Sample # HA		Sample Location	Top Langer	Lingle		
	Unit1 B	oathroom Flours	_ ` `		om	
BIA-C	Unit1 B	athrom Flour	Buttom Layar	Linale	eum e uv~	
BIA-C	Unit! B	ds Ceiling Title	Buttom Layar	Linol	nooth CT	
B1A-C B7A-C B3A-C	Unit1 B	ds Ceiling Title	Buttom Layar Smooth	Lindle Lindle 2×4 Sn	oum outh CT	
BIA-C BZA-C B3A-C B-114-C	Unit 1 B Entire 13 Entire 1316 Entire 1316	ds Ceiling Title	Bottom Layar Smooth o Wormholo idden Spline	Lindle Lindle 2×4 Sn 2×4 CT	nooth CT - Wormhole	
BIA-C BZA-C B3A-C 13-14-C B5A-C	Unit 1 B Entire 13 Entire 1316 Entire 1316	ds Ceiling Title h	Buttom Layar Smooth o Wormholo idden Spline y aloose Accord	Lindle Lindle 2×4 Sn 2×4 CT 1×1 CT Texture	oun nooth CT - Wormhole Hidden Spline d ciling	
BIA-C BZA-C B3A-C 13-14-C B5A-C B6A-C	Unit 1 B	ds Ceiling Tiple Ceiling Tiple	Buttom Layar Smooth o Wormholo idden Spline y aloose Accord	Lindle Lindle 2×4 Sn 2×4 CT 1×1 CT Texture	nooth CT - Wormhole - Hidden Spline d ciling	
BIA-C BZA-C B3A-C B3A-C B5A-C B5A-C B6A-C B7A-C	Unit d B Entire B Entire B Entire B Unit 2 Unit 2	di Ceiling Tito Bathroom Floor	Buttom Layar Smooth o Wormholo idden Spline y aloose Accord under Subflue Wormhole	Lindle Lindle 2×4 Sn 2×4 CT 1×1 CT Texture Vapor Ba	nooth CT - Wormhole Hidden Spline d ciling wich Wormhole	
BIA-C BZA-C B3A-C B-1A-C B5A-C B6A-C B7A-C B8A-C	Unit 2 Unit 2 Unit 3 Unit 3 Unit 3	discerling tiple Total Tile her Textured Ceiling Tile Ceiling Tile Ceiling Tile her Textured Ceiling Ceiling Tile	Buttom Layar Smooth o Wormhole idden Spline idden Spline idden Spline idden Subflus wormhole Toplayer	Lindle Lindle Lindle 2×45n 2×45n 1×1 CT Texture Vapor Ban 2×4 CT Lindle Lindle	nooth CT - Wormhole Itidden Spline d ceiling wich wormhole	
BIA-C BZA-C B3A-C B3A-C B5A-C B6A-C B7A-C B8A-C B9A-C	Unit 2 Unit 2 Unit 3 Unit 3 Unit 3	Ceiling Tile he Textured Ceiling Tile Bathroom Floor Ceiling Tile	Buttom Layar Smooth o Wormholo idden Spline y aloose Accord under Subflue Wormhole	Lindle Lindle Lindle 2×45n 2×45n 1×1 CT Texture Vapor Ban 2×4 CT Lindle Lindle	nooth CT - Wormhole Hidden Spline d citing wier wormhole	
BIA-C BZA-C B3A-C B3A-C B5A-C B6A-C B7A-C B8A-C B9A-C B10A-C	Unit 2 Unit 2 Unit 2 Unit 3 Unit 3 Unit 3 (s): BIA	Ceiling Tile he Textured Ceiling Tile Bathroom Floor Ceiling Tile	Bottom Layar Smooth o Wormhole idden Spline y abose Accoss under Subflus Wormhole Toplayer	Lindle Lindle Lindle 2×45n 2×45n 1×1 CT Texture Vapor Ban 2×4 CT Lindle Lindle	wice wormhole Wormhole Hidden Spline d ceiling wice wormhole	
BIA-C BZA-C B3A-C (3414-C B5A-C B4A-C B7A-C B9A-C B10A-C Client Sample #	Unit 2 Unit 2 Unit 2 Unit 2 Unit 3 Unit 3 Unit 3 (s): BIA	disconflower disconflower disconflower disconflower Ceiling Title h Textured Ceiling Bathroom Floor Ceiling Title K. tchn Floor Bathroom Floor Kathroom Floor Kathroom Floor Bathroom Floor	Bottom Layar Smooth o Wormhole idden Spline y abose Accord under Subflus wormhole Toplayer e: 10/14/16	Lindle Lindle Lindle 2×45n 2×45n 1×1 CT Texture Vapor Ban 2×4 CT Lindle Lindle	nooth CT - Wormhole Itidden Spline d cailing wich Wormhole m f Samples: 63	

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OrderID: 621601595



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

62160150

EMSL Analytical, Inc. 161 John Roberts Road

South Portland, ME 04106

PHONE: (207) 517-6921

FAX: (207) 517-6922

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

<u> </u>	T		Andrew the second secon
Sample #	HA#	Sample Location	Material Description
BIIA-C		Entire Bids Ceiling Texture Through Entire Bids Ceiling Plaster Throughout	& Textored ceiling
1312A-C		Entire Blds Land Celline Plaster Thranchort	Plater
1313A-C		Unit 4 K. tchen Floor FT	12 × 12 FT
B14A-C		Unit 4 Kitchen under FT	Linoleym
1315A-C		Unit & Bathroom Floor Lino	Lindleum
B16A-C		Unit 5 Rathroom Floor Lino	Lindleum
B17A-C		Unit 5 Kitchen Floor Cire	1: noloum
1318A-C		Roofing material Top Layer	Rofing
1319A-C		Roofing material Bottomayor	Roofing
B20A-C		Reso Roofing Vapor Barrier	Vapor Barirer
321A-C		Exterior under Siding	Vapor Barrier
		_	
			7016
*Comment	s/Specia	al Instructions:	W
	-		100 years and the second

Page 2 of 2 pages